

MONITORING WELL COMPLETION LOG GRN01-0815

PROJECT	UMTRA GROUND WATER	NORTH COORD. (FT)	239132.11	DATE DRILLED	10/09/1987
LOCATION	GREEN RIVER, UT	EAST COORD. (FT)	2386714.80	SURFACE ELEV. (FT NGVD)	4071.53
SITE	GREEN RIVER	HOLE DEPTH (FT)	100.00	TOP OF CASING (FT)	4073.55
WELL NUMBER	0815	WELL DEPTH (FT)	100.00	MEAS. PT. ELEV. (FT)	4073.55
				SLOT SIZE (IN)	0.050
				BIT SIZE(S) (IN)	10.0 / 7.88
		WELL INSTALLATION	INTERVAL (FT)		
SURFACE CASING:	8 in. Steel		-2.0 to 6.0	DRILLING METHOD	ROTARY WITH BUTTON BIT
BLANK CASING:	4 in. PVC Sch 40		-2.02 to 88.0	SAMPLING METHOD	
WELL SCREEN:	4 in. Slotted PVC		88.0 to 98.0	DATE DEVELOPED	
SUMP/END CAP:	4 in. PVC Sch 40		98.0 to 100.0	WATER LEVEL (FT BGS)	
SURFACE SEAL:				LOGGED BY	Wood, W.
GROUT:	Cement - Bentonite		0.0 to 79.0	REMARKS	
SEAL:	Bentonite Pellets		79.0 to 82.0		
UPPER PACK:					
LOWER PACK:	8-12 Silica Sand		82.5 to 100.0		

DEPTH (FT BGL)	ELEV. (FT NGVD)	BLOW COUNTS	SAMPLE ID.	EXTENT	WELL DIAGRAM	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
	4070						0-5.0 ft. SILTY SAND (SM); fine grained, tan, nonplastic, sporadic silt seams.
10	4060						5-16.0 ft. SILTY GRAVEL (GM); poorly graded to 3/4" diameter, subangular, tan, nonplastic, sporadic seams of silty sand.
20	4050						16.0-18.0 ft. MANCOS SHALE: SHALE; soft, dark gray. 18.0-40.0 ft. DAKOTA SANDSTONE: 18.0-23.0 ft. SANDSTONE; moderately hard, dark gray to tan.
30	4040						23.0-40.0 ft. SHALE; soft to moderately hard, gray.
40	4030						40.0-69.0 ft. CEDAR MOUNTAIN FORMATION: (top of Cedar Mountain Formation - estimated from depths in surrounding boreholes). 40.0-45.5 ft. SHALE; with sporadic layers. 45.5-48.5 ft. limestone layer, hard.

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PROJECT UMTRA GROUND WATER

WELL NUMBER 0815

SITE GREEN RIVER

DATES DRILLED 10/09/1987

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DEPTH (FT BGL)	ELEV. (FT NGVD)	BLOW COUNTS	SAMPLE ID.	EXTENT	WELL DIAGRAM	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
60	4020						
	4010						63.0-64.5 ft. Limestone layer, hard.
70	4000						69.0-72.0 ft. LIMESTONE; very hard, tan.
	3990						72.0-93.0 ft. MUDSTONE; moderately hard, light greenish-gray, sporadic seams of limestone.
80					Bentonite Pellets		
	3980				PVC Sch 40		
90					8-12 Silica Sand		
	3970				0.050" Slotted PVC		93.0-97.0 ft. SANDSTONE; moderately hard, dark gray.
100							97.0-100.0 ft. MUDSTONE; moderately hard, blue-gray, intercalated with limestone layers.
	3960						Total Depth 100.0 ft.
110							

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